

Name: \_\_\_\_\_

## Adding Fractions

To add fractions, the denominators must be the same. So, if they aren't the same, you need to do some work. If you have two different denominators, you need to find the least common denominator.

For example:  $\frac{1}{3} + \frac{1}{6}$ . 6 is the least common denominator. You don't need to touch the  $\frac{1}{6}$ , but, you'll need to make the 3 in  $\frac{1}{3}$  into a 6, by multiplying 3 times 2. To be fair, you'll also need to multiply the numerator, in this case 1, by 2 as well. This will give you  $\frac{2}{6}$ . Now you can add...  $\frac{2}{6} + \frac{1}{6} = ?$

**Directions:** Now you do it. Solve the addition fraction problems.

|   |                                |  |    |                                 |  |
|---|--------------------------------|--|----|---------------------------------|--|
| 1 | $\frac{4}{6} + \frac{5}{12} =$ |  | 6  | $\frac{1}{5} + \frac{2}{15} =$  |  |
| 2 | $\frac{2}{12} + \frac{1}{3} =$ |  | 7  | $\frac{4}{16} + \frac{2}{8} =$  |  |
| 3 | $\frac{1}{16} + \frac{7}{4} =$ |  | 8  | $\frac{3}{75} + \frac{4}{25} =$ |  |
| 4 | $\frac{2}{3} + \frac{4}{9} =$  |  | 9  | $\frac{2}{7} + \frac{1}{21} =$  |  |
| 5 | $\frac{2}{8} + \frac{3}{14} =$ |  | 10 | $\frac{1}{8} + \frac{5}{9} =$   |  |